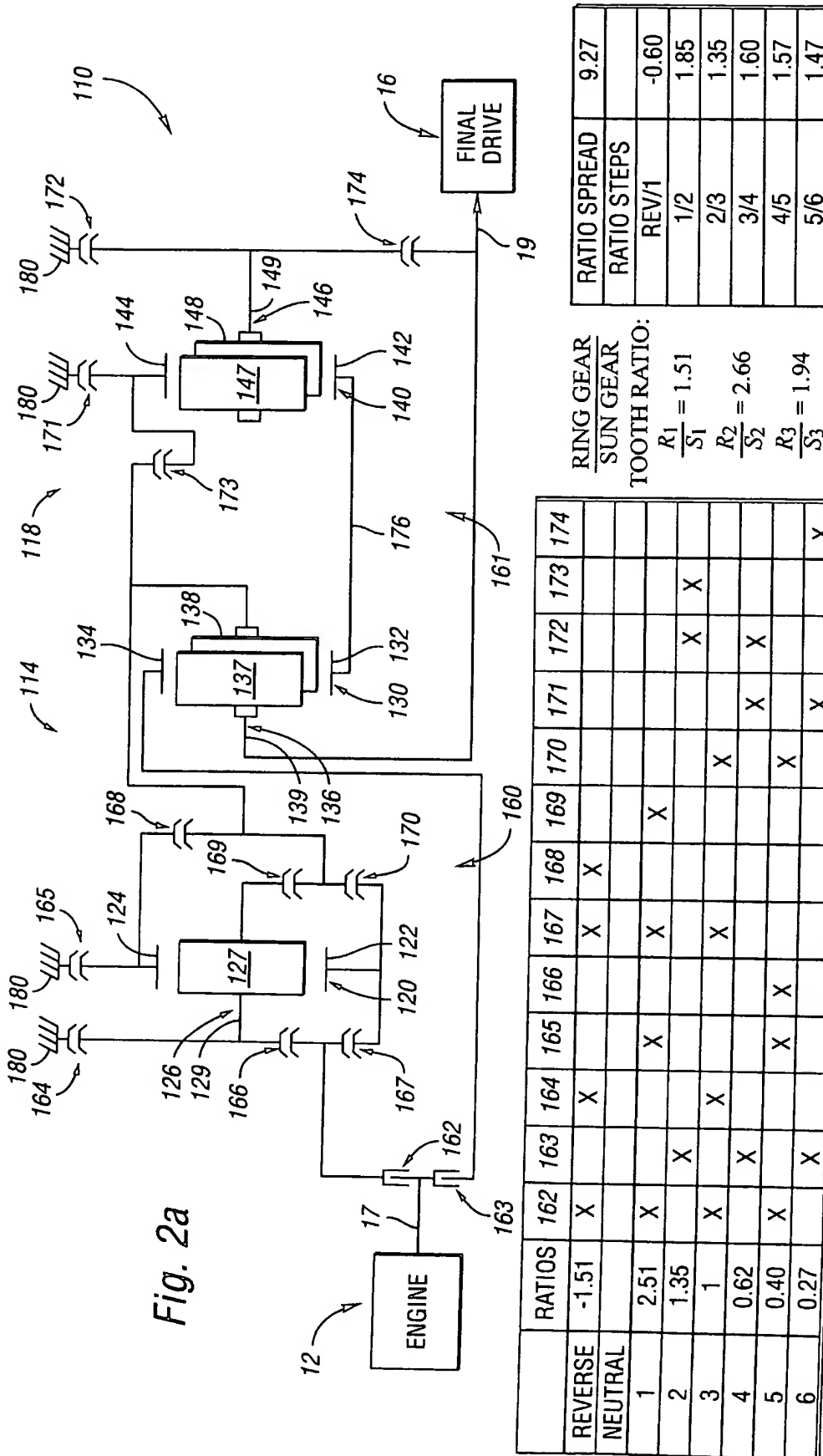
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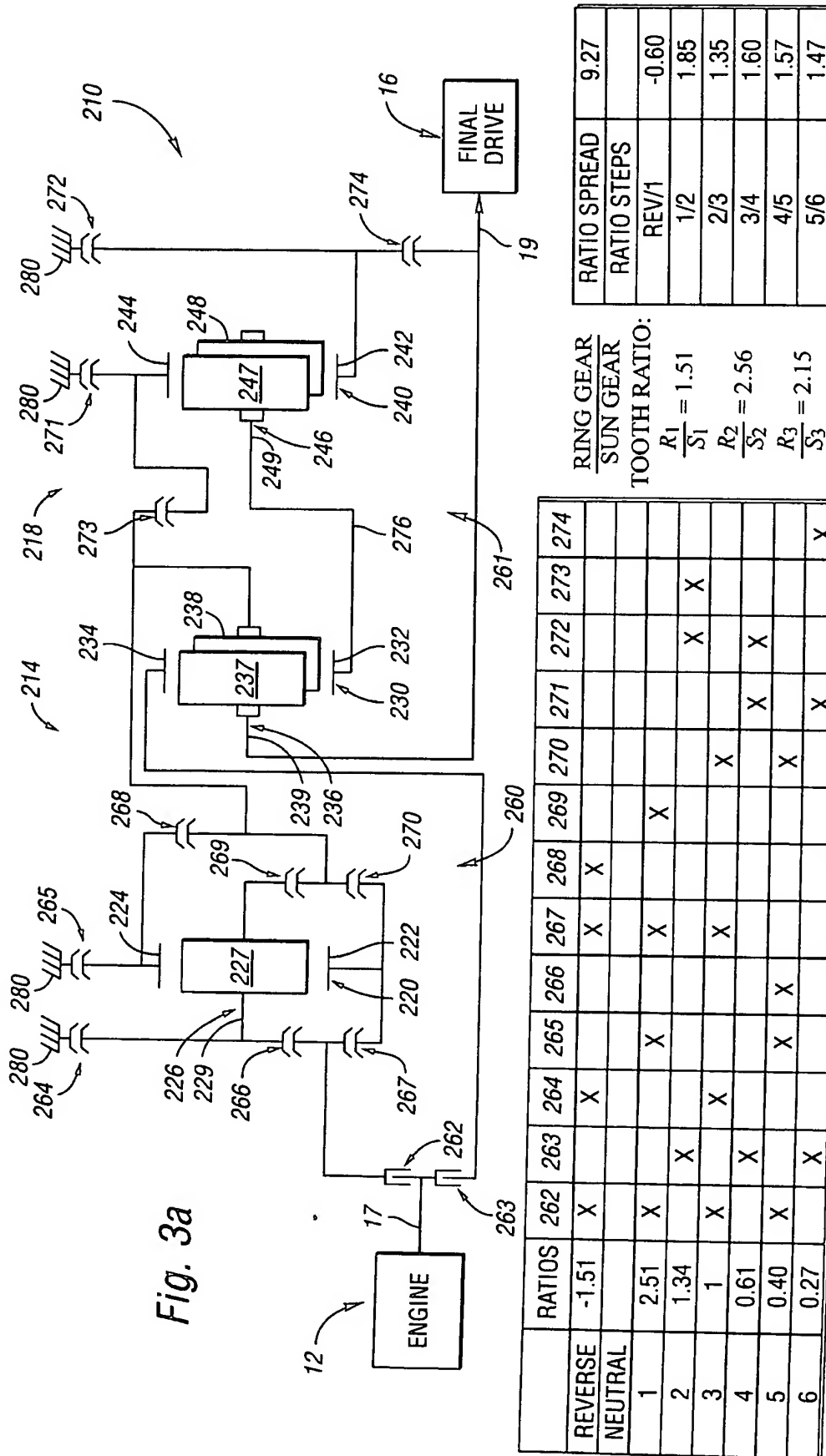
(X = ENGAGED CLUTCH)

Fig. 1b

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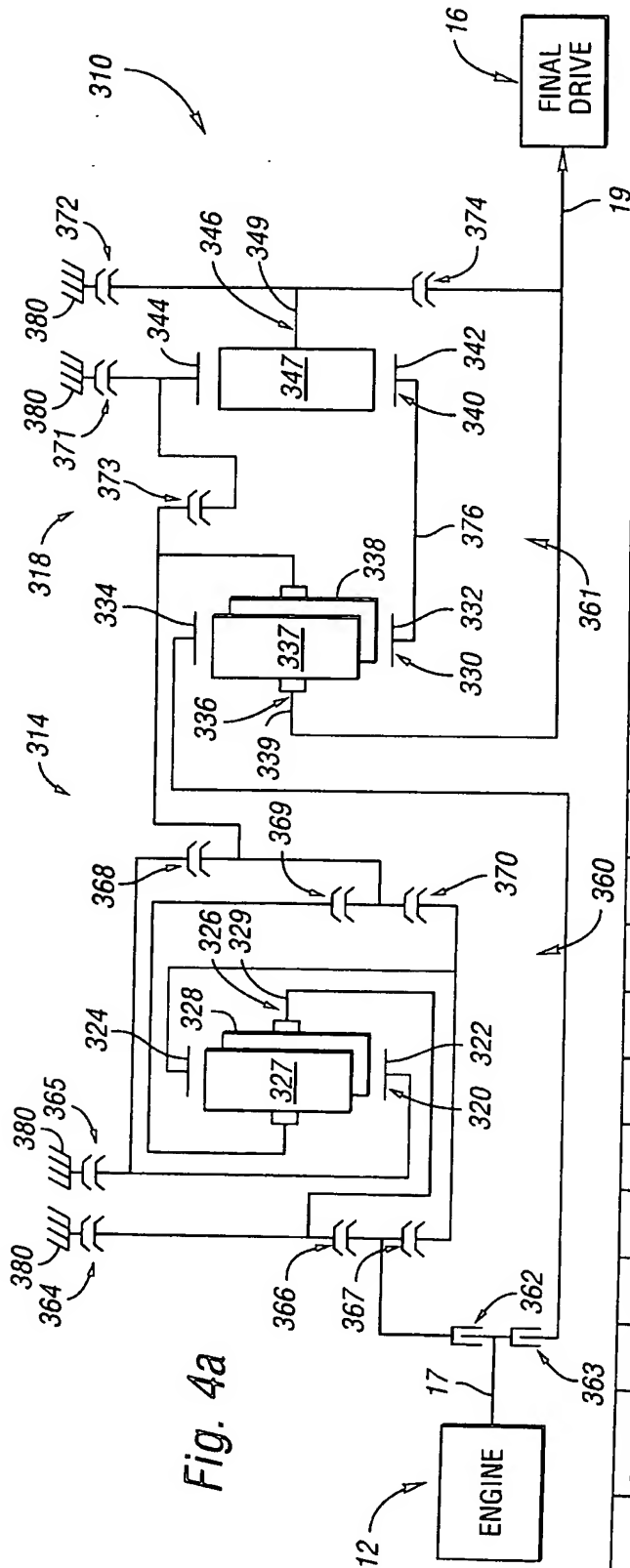


Fig. 4a

	RATIOS	362	363	364	365	366	367	368	369	370	371	372	373	374
REVERSE	-1.19		X									X	X	
NEUTRAL														
1	2.64		X								X			
2	1.51	X												
3	1		X		X									
4	0.66	X										X	X	
5	0.45		X											
6	0.34	X		X							X	X		

(X = ENGAGED CLUTCH)

RING GEAR  
SUN GEAR  
TOOTH RATIO:

$$\frac{R_1}{S_1} = 2.98$$

$$\frac{R_2}{S_2} = 1.82$$

$$\frac{R_3}{S_3} = 2.99$$

RATIO SPREAD	7.88
RATIO STEPS	
REV/1	-0.45
1/2	1.76
2/3	1.51
3/4	1.51
4/5	1.47
5/6	1.34

Fig. 4b

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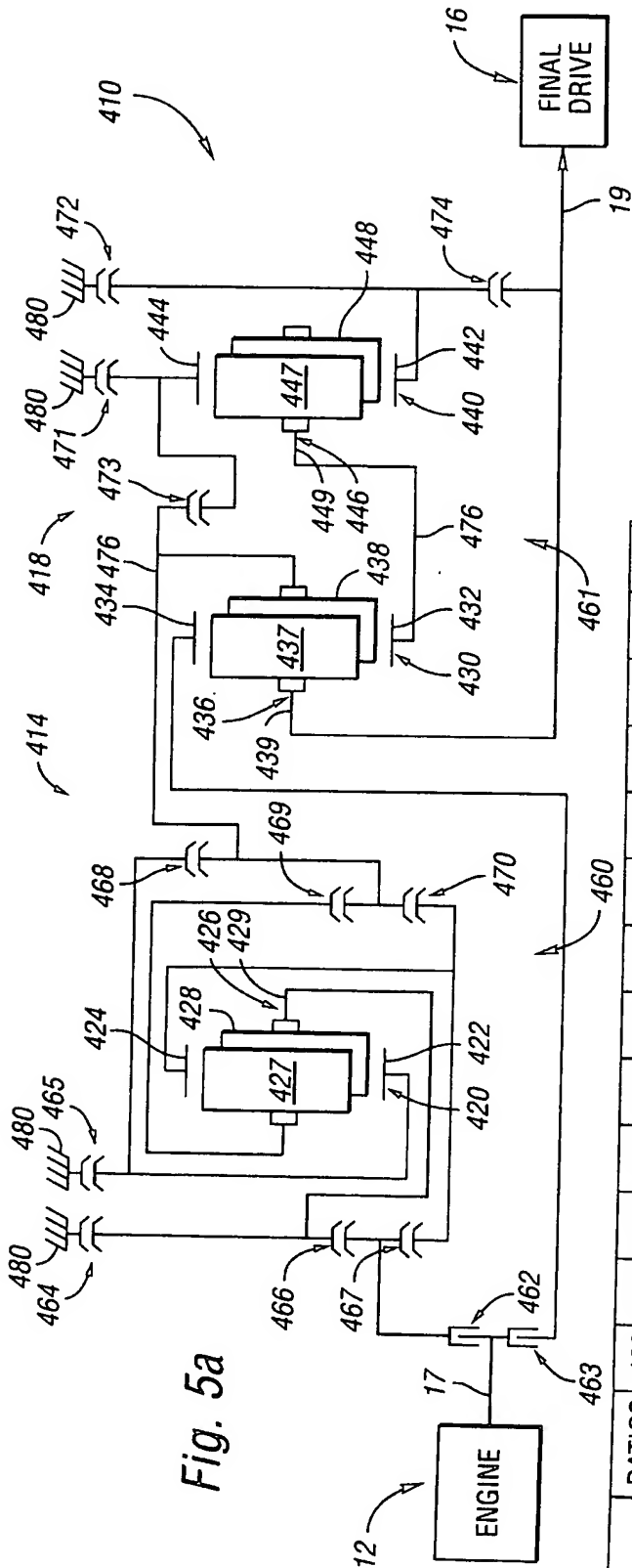


Fig. 5a

	RATIOS	462	463	464	465	466	467	468	469	470	471	472	473	474
REVERSE	-0.70		X								X			X
NEUTRAL														
1	2.12		X									X		
2	1.51	X							X					
3	1		X		X								X	
4	0.66	X				X						X		
5	0.42		X								X	X		
6	0.34	X		X			X	X						

(X = ENGAGED CLUTCH)

RATIO SPREAD	6.32
RATIO STEPS	
REV/1	-0.33
1/2	1.41
2/3	1.51
3/4	1.51
4/5	1.59
5/6	1.24

RING GEAR  
SUN GEAR  
TOOTH RATIO:  
 $\frac{R_1}{S_1} = 2.98$   
 $\frac{R_2}{S_2} = 1.72$   
 $\frac{R_3}{S_3} = 1.52$

Fig. 5b

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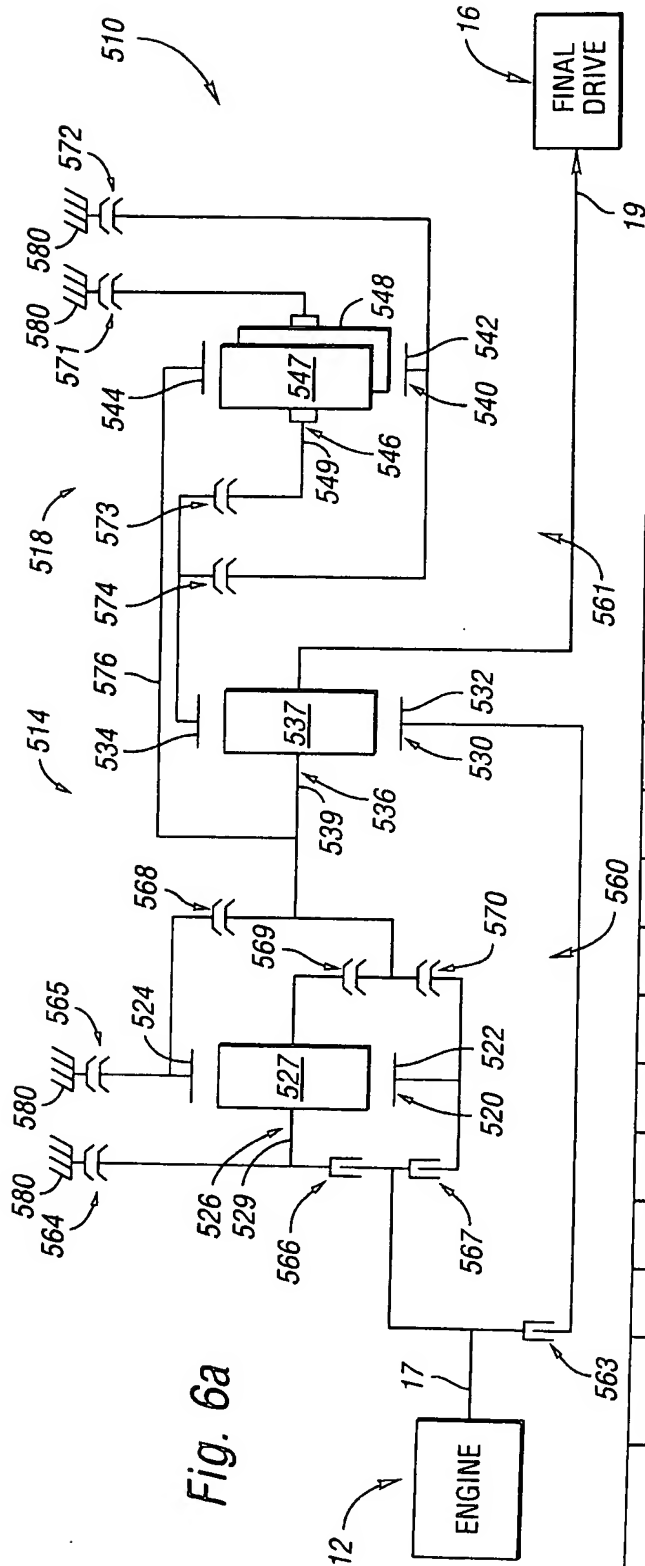


Fig. 6a

	RATIOS	563	566	567	568	569	570	571	572	573	574
REVERSE	-1.51			X	X						
NEUTRAL											
1	2.51			X		X					
2	1.49	X					X		X		
3	1			X				X			
4	0.61	X					X			X	
5	0.40		X					X			
6	0.38	X							X	X	

(X = ENGAGED CLUTCH)

RATIO SPREAD	6.64
RATIO STEPS	
REV/1	-0.60
1/2	1.68
2/3	1.49
3/4	1.63
4/5	1.54
5/6	1.05

RING GEAR  
SUN GEAR  
TOOTH RATIO:

$$\frac{R_1}{S_1} = 1.51$$

$$\frac{R_2}{S_2} = 2.04$$

$$\frac{R_3}{S_3} = 1.79$$

Fig. 6b

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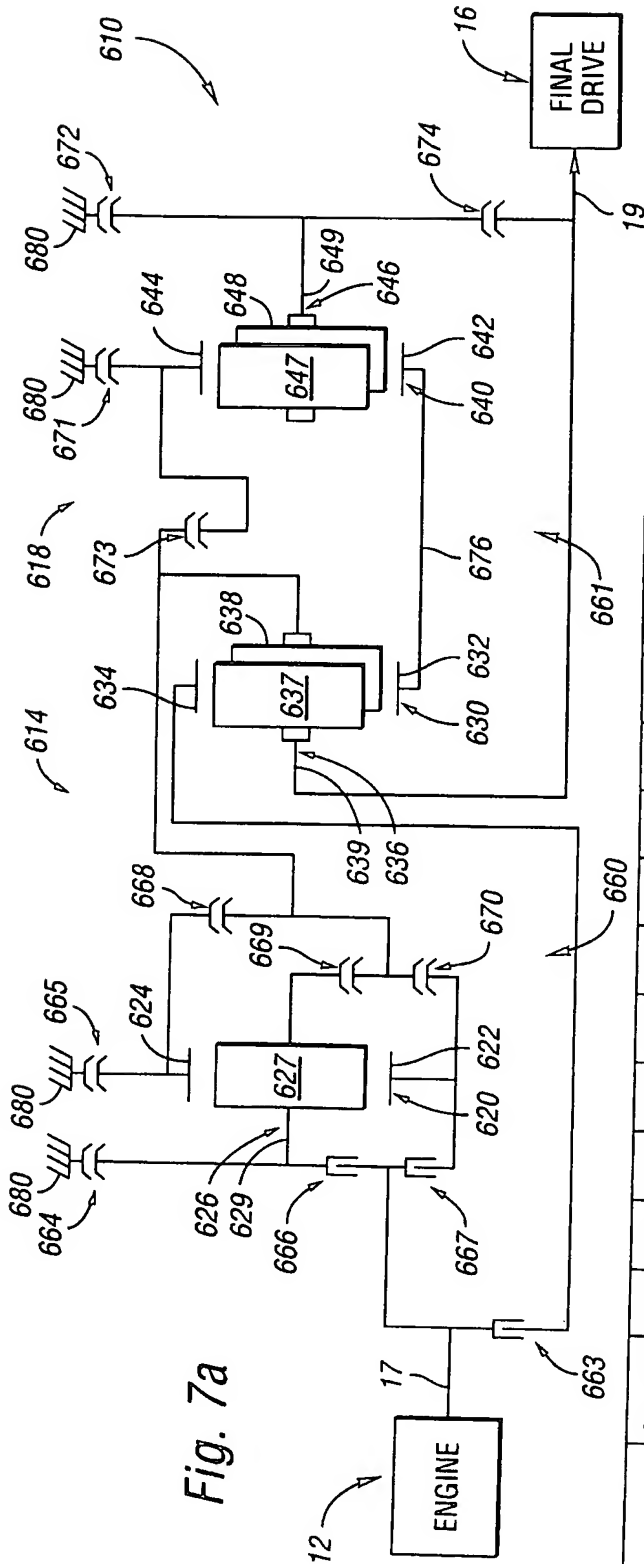


Fig. 7a

RATIO SPREAD	9.27
RATIO STEPS	
REV/1	-0.60
1/2	1.85
2/3	1.35
3/4	1.60
4/5	1.57
5/6	1.47

RING GEAR  
SUN GEAR  
TOOTH RATIO:

$$\frac{R_1}{S_1} = 1.51$$

$$\frac{R_2}{S_2} = 2.66$$

$$\frac{R_3}{S_3} = 1.94$$

	RATIOS	663	666	667	664	665	668	669	670	671	672	673	674
REVERSE	-1.51			X	X		X						
NEUTRAL													
1	2.51			X		X		X					
2	1.35	X									X	X	
3	1			X	X				X				
4	0.62	X								X	X		
5	0.40		X						X				
6	0.27	X								X		X	

(X = ENGAGED CLUTCH)

Fig. 7b

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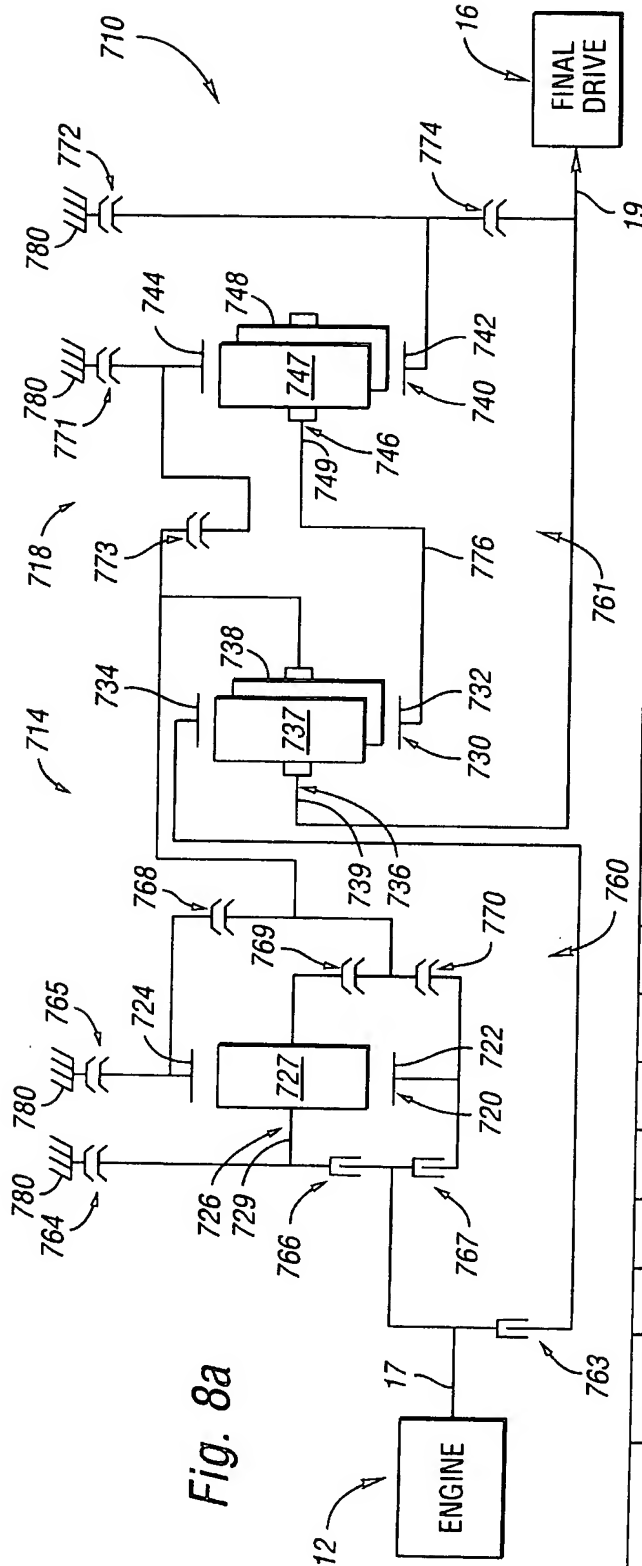


Fig. 8a

	RATIOS	763	766	767	764	765	768	769	770	771	772	773	774
REVERSE	-1.51			X	X		X						
NEUTRAL													
1	2.51			X		X		X					
2	1.34	X									X	X	
3	1			X	X				X				
4	0.61	X								X	X		
5	0.40		X						X				
6	0.27	X								X			X

(X = ENGAGED CLUTCH)

RATIO SPREAD	9.27
RATIO STEPS	
REV/1	-0.60
1/2	1.85
2/3	1.35
3/4	1.60
4/5	1.57
5/6	1.47

RING GEAR  
SUN GEAR  
TOOTH RATIO:

$$\frac{R_1}{S_1} = 1.51$$

$$\frac{R_2}{S_2} = 2.56$$

$$\frac{R_3}{S_3} = 2.15$$

Fig. 8b



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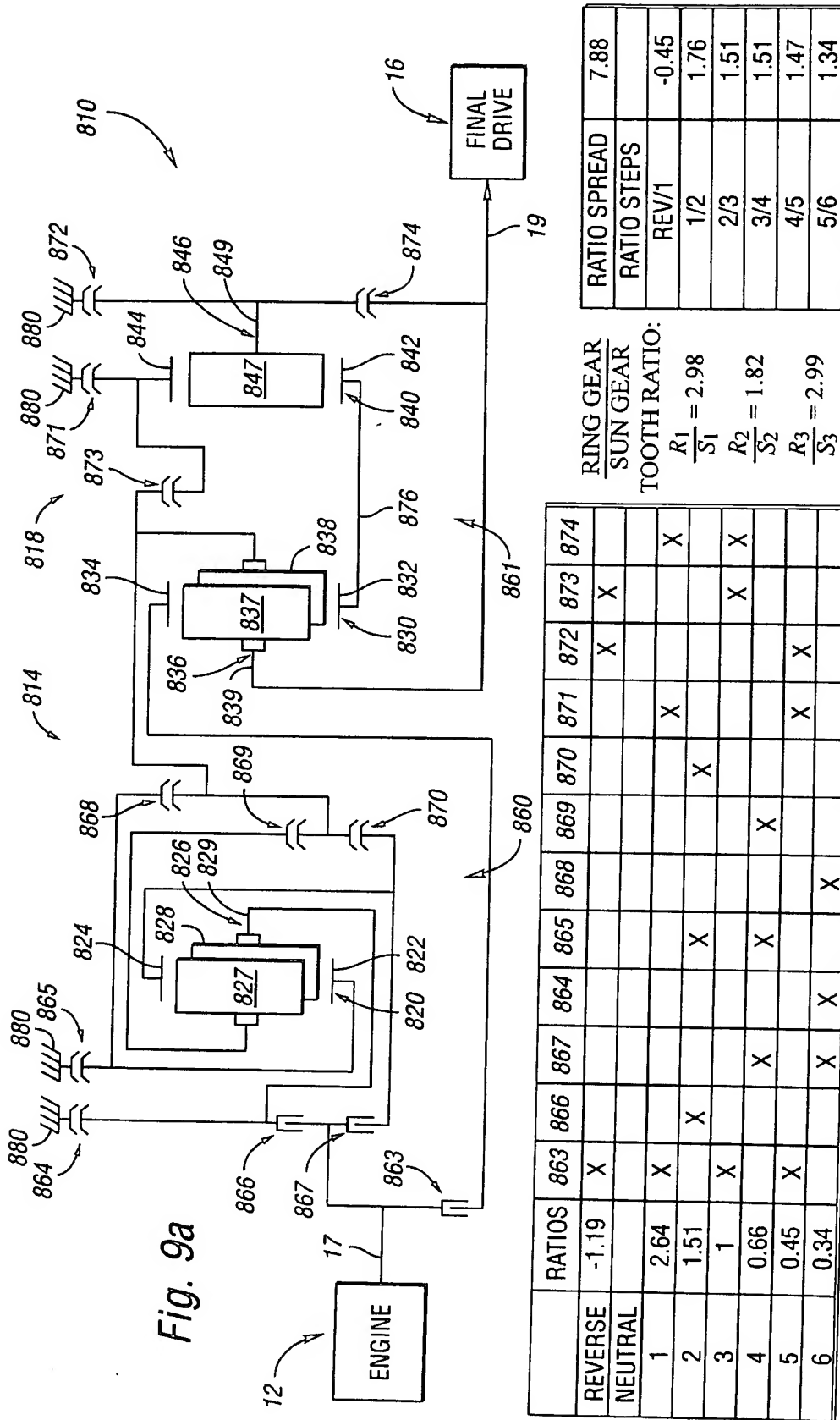


Fig. 9b

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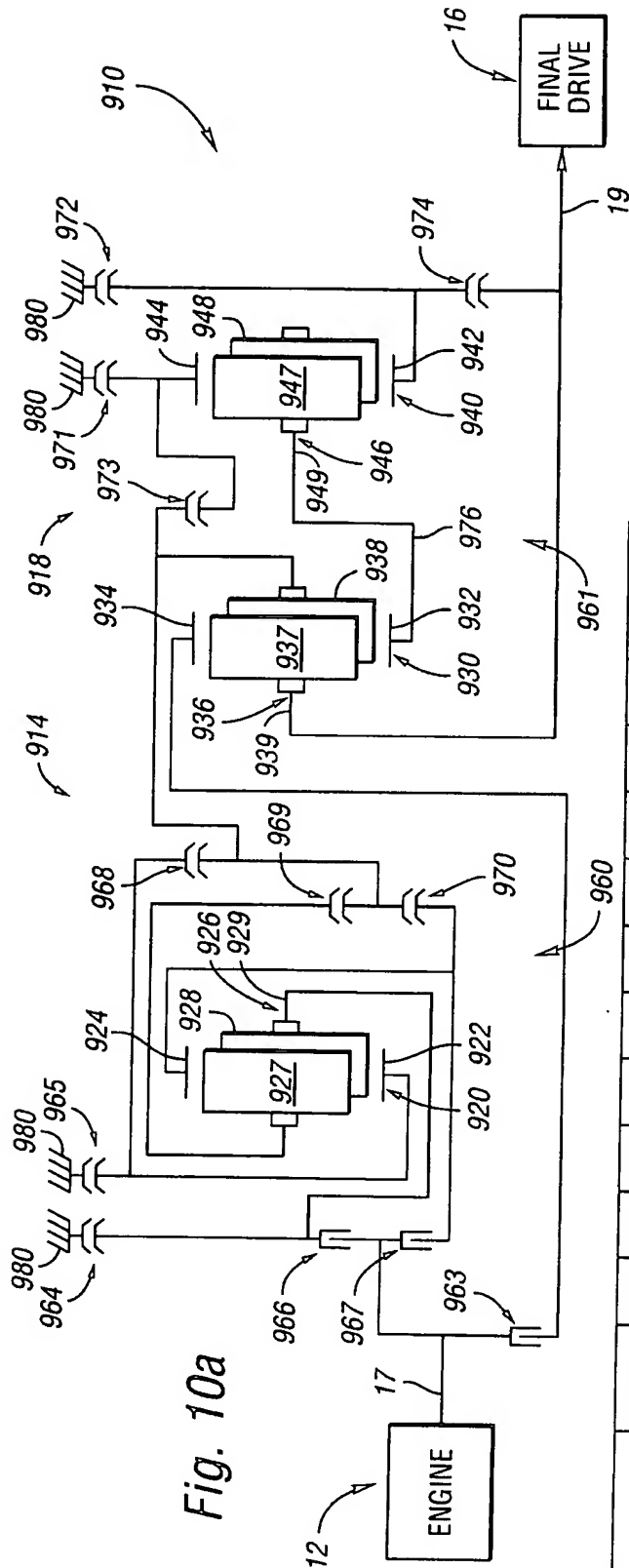


Fig. 10a

	RATIOS	963	966	967	964	965	968	969	970	971	972	973	974
REVERSE	-0.70	X								X			X
NEUTRAL													
1	2.12	X									X		
2	1.51		X			X			X				
3	1	X										X	
4	0.66			X		X		X					
5	0.42	X								X	X		
6	0.32			X	X		X						

(X = ENGAGED CLUTCH)

RING GEAR  
SUN GEAR  
TOOTH RATIO:

$$\frac{R_1}{S_1} = 2.98$$

$$\frac{R_2}{S_2} = 1.72$$

$$\frac{R_3}{S_3} = 1.52$$

RATIO SPREAD	6.32
RATIO STEPS	
REV/1	-0.33
1/2	1.41
2/3	1.51
3/4	1.51
4/5	1.59
5/6	1.24

Fig. 10b

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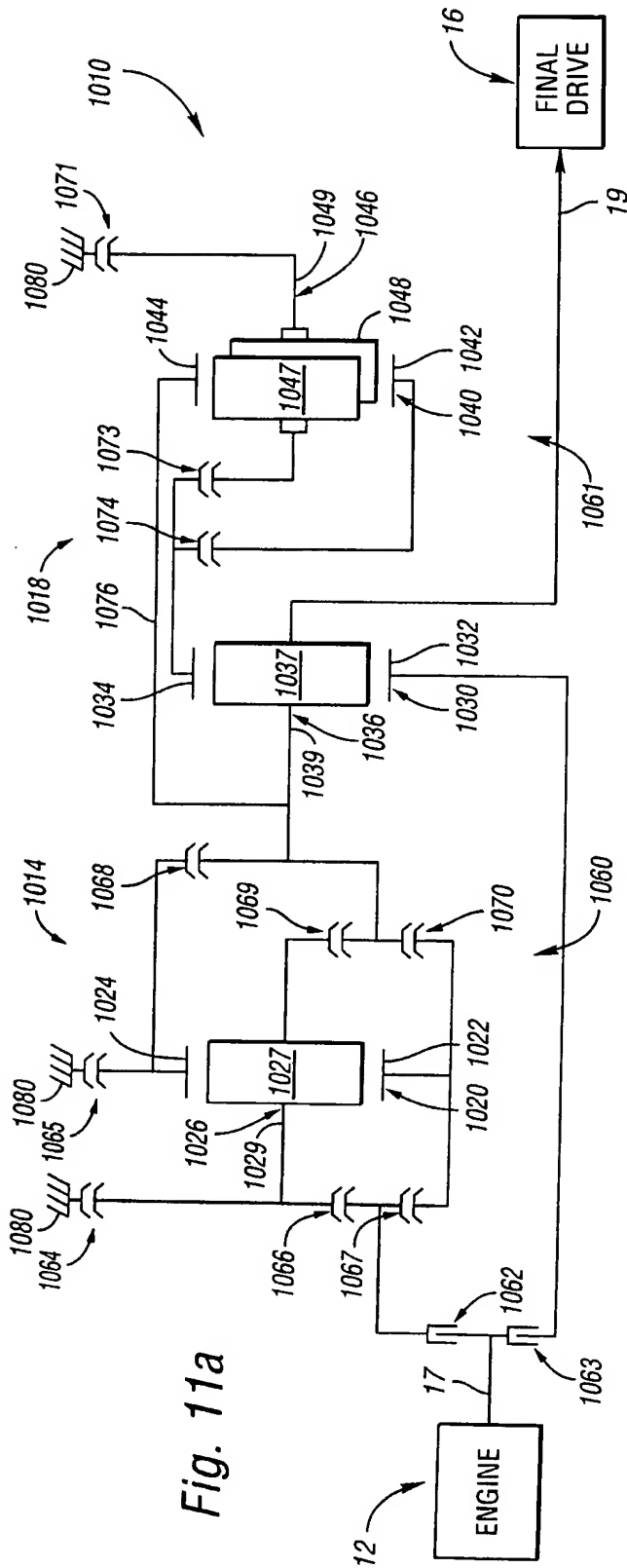


Fig. 11a

	RATIOS	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1073	1074
REVERSE	-1.51	X		X			X	X					
NEUTRAL													
1	2.51	X			X		X		X				
2	1.49		X							X	X		
3	1	X		X			X						
4	0.61		X							X	X	X	
5	0.40	X			X	X				X			

RING GEAR  
SUN GEAR  
TOOTH RATIO:

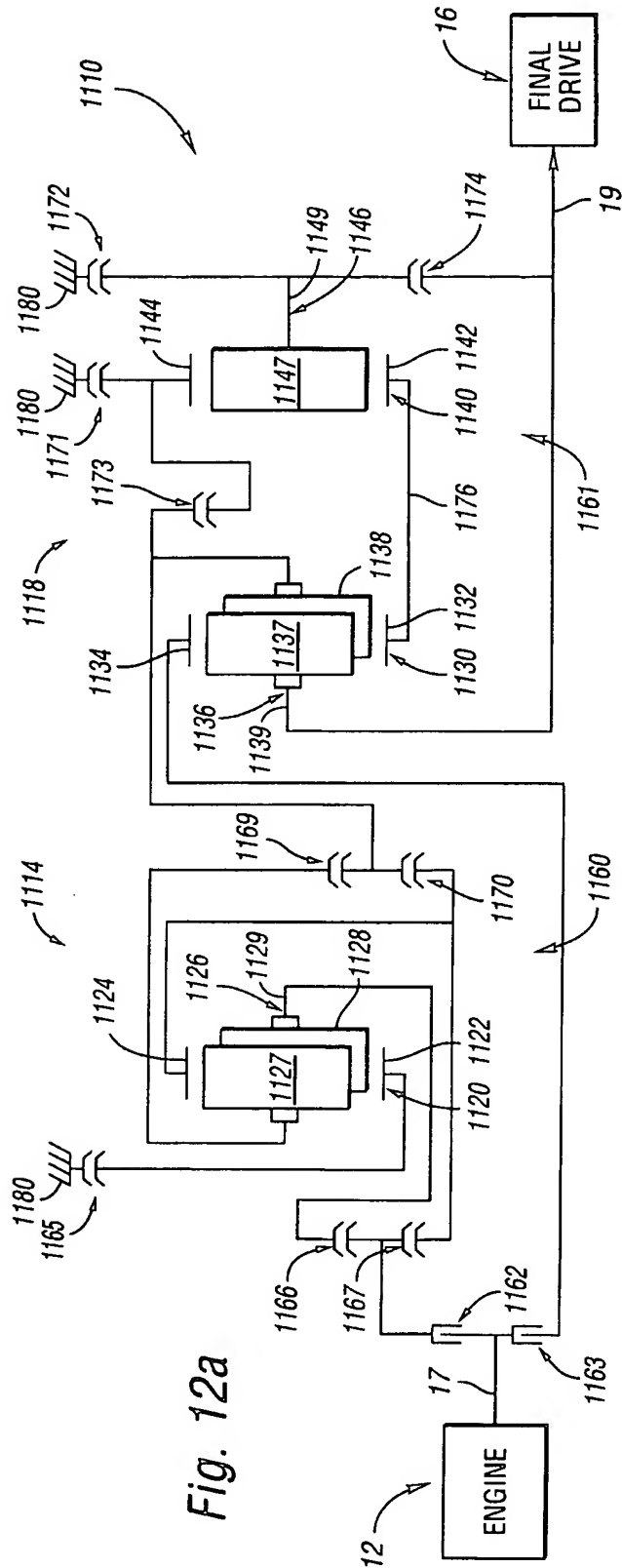
$$\frac{R_1}{S_1} = 1.51$$

$$\frac{R_2}{S_2} = 2.04$$

$$\frac{R_3}{S_3} = 1.79$$

RATIO SPREAD	6.28
RATIO STEPS	
REV/1	-0.60
1/2	1.68
2/3	1.49
3/4	1.63
4/5	1.54

Fig. 11b



**Fig. 12a**

	RATIOS	1162	1163	1165	1166	1167	1169	1170	1171	1172	1173	1174
REVERSE	-1.19		X							X	X	
NEUTRAL												
1	2.64		X						X			X
2	1.51	X		X	X			X				
3	1		X								X	X
4	0.66	X		X		X	X					
5	0.45		X						X	X		

$$\frac{\text{RING GEAR}}{\text{SUN GEAR}} = \text{TOOTH RATIO:}$$

$$\frac{R_1}{S_1} = 2.98$$

$$\frac{R_2}{S_2} = 1.82$$

$$\frac{R_3}{S_3} = 2.99$$

RATIO SPREAD	5.87
RATIO STEPS	
REV/1	-0.45
1/2	1.76
2/3	1.51
3/4	1.51
4/5	1.47

**Fig. 12b**